

## DEPTH ADJUSTING SYSTEM FOR A SCREW GUN

### ABSTRACT

A depth adjusting system for a screw gun comprises a base supported on the screw gun, an on/off collar removably attached to the base, and an adjusting collar and a depth locator mounted to the on/off collar. The adjusting collar rotates but cannot move axially relative to the on/off collar. Rotation of the adjusting collar causes the depth locator to move axially relative to the on/off collar for adjusting the depth setting. An indexing system is provided between the adjusting collar and the on/off collar for retaining the angular position of the adjusting collar and the depth setting. The on/off collar can be easily attached and detached from the base with a simple axial force applied to the on/off collar.